

File 9:Business & Industry(R) Jul/1994-2004/Mar 25
(c) 2004 Resp. DB Svcs.
File 15:ABI/Inform(R) 1971-2004/Mar 25
(c) 2004 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2004/Mar 26
(c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Mar 26
(c) 2004 The Dialog Corp.
File 47:Gale Group Magazine DB(TM) 1959-2004/Mar 26
(c) 2004 The Gale group
File 75:TGG Management Contents(R) 86-2004/Mar W2
(c) 2004 The Gale Group
File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/Mar 26
(c) 2004 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2004/Mar 25
(c) 2004 The Gale Group
File 98:General Sci Abs/Full-Text 1984-2004/Feb
(c) 2004 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Feb
(c) 2004 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2004/Mar 26
(c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Mar 26
(c) 2004 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2004/Mar 25
(c) 2004 The Dialog Corp.
File 369:New Scientist 1994-2004/Mar W3
(c) 2004 Reed Business Information Ltd.

Set	Items	Description
S1	1200852	(OPTICAL? OR COMPACT OR DIGITAL() (VIDEO OR VERSATILE) OR L-ASER) (3N) (DISK? ? OR DISC? ? OR STORAGE? ? OR MEMOR? OR MEDIA) OR DVD OR CD OR CDROM
S2	19840	S1(5N) (PICK? OR GRAB? OR GRIP? OR TRANSPORT? OR HANDL? OR -LIFT? OR RAIS? OR GRASP?)
S3	62486	(TIP OR EDGE OR EDGES OR CORNER OR CORNERS OR BOTTOM OR EN-D) (5N) (TAPER? OR SHARP? OR HONED OR POINTED OR POINTY OR (SLO-PE? ? OR NARROW?) () (INWARDS OR IN))
S4	4	S2(S)S3
S5	3	RD S4 (unique items)
S6	2	S5 NOT PY>2001
S7	3252	AU=(KLEIN, J? OR KLEIN J?) OR CO=AMTREN
S8	0	S2 AND S7

6/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01804770 04-55761
New models to hit spring market
Kronstain, Jennifer L
Dealerscope Consumer Electronics Marketplace v41n3 PP: 34 Mar 1999
ISSN: 1087-1055 JRNL CODE: DEA
WORD COUNT: 541

...TEXT: is also upgradable. By using a software disk, owners can bring their machines up-to-date as new offerings become available.

Aiming for the higher- end shopper, **Sharp** introduced its DV-A1000U "Amplitheater-in-a-Box," a DVD player with a built-in, 240-watt amplifier/receiver, five speakers and an active subwoofer...

... retail at \$999.95, the system includes an AM/FM tuner, Component video output and is DTS-ready. Continuing its "Vision 2005" program aimed at **grabbing** the DVD lead among manufacturers, Pioneer rolled out its DVL9919 with a 24-bit digital-toanalog conversion system and the company's built-in Ei-Bit processor...

6/3,K/2 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

03157742 SUPPLIER NUMBER: 06751830 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Scanning tunneling microscopy and atomic force microscopy: application to biology and technology.
Hansma, P.K.; Elings, V.B.; Marti, O.; Bracker, C.E.
Science, v242, n4876, p209(8)
Oct 14, 1988
CODEN: SCIEAS ISSN: 0036-8075 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 5446 LINE COUNT: 00418

... tip.
Other STM images with implications in the industrial world are shown in Fig. 3, C and D. The stampers that are used to manufacture **compact disks** contain **raised** "bumps" that impress data into the disks (Fig. 3C). These bumps are about 130 nm high, 600 nm wide, and vary in length. In order...

...the tip can follow the steep profiles without hitting the surface. These stampers are made of nickel and can be scanned without surface preparation. The **sharpened edge** of a diamond cutting tool that is used for diamond turning of optical surfaces is shown in Fig. 3D. An ordinary diamond could not be...

?

File 344:Chinese Patents Abs Aug 1985-2004/Mar
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2003/Nov(Updated 040308)
(c) 2004 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2004/Mar W02
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040318,UT=20040311
(c) 2004 WIPO/Univentio
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200419
(c) 2004 Thomson Derwent

Set	Items	Description
S1	327325	(OPTICAL? OR COMPACT OR DIGITAL() (VIDEO OR VERSATILE) OR L-ASER) (3N) (DISK? ? OR DISC? ? OR STORAGE? ? OR MEMOR? OR MEDIA) OR DVD OR CD OR CDROM
S2	13985	S1(5N) (PICK? OR GRAB? OR GRIP? OR TRANSPORT? OR HANDL? OR -LIFT? OR RAIS? OR GRASP?)
S3	1116	AU=(KLEIN, J? OR KLEIN J?) OR CO=AMTREN
S4	1	S3 AND S2

4/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015268533 **Image available**
WPI Acc No: 2003-329462/200331
XRPX Acc No: N03-263597

Optical disk central hub engaging apparatus for compact disk , pushes
tip of pick outwards, when it is inserted into central hub ring

Patent Assignee: KLEIN J T (KLEI-I)

Inventor: KLEIN J T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030002400	A1	20030102	US 2001897257	A	20010702	200331 B

Priority Applications (No Type Date): US 2001897257 A 20010702

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030002400	A1		12	G11B-017/12	

Optical disk central hub engaging apparatus for compact disk , pushes
tip of pick outwards, when it is inserted into central hub ring

Inventor: KLEIN J T

Abstract (Basic):

... The figure shows a perspective view of the optical disk
pick device...

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File 2:INSPEC 1969-2004/Mar W2
(c) 2004 Institution of Electrical Engineers

File 6:NTIS 1964-2004/Mar W3
(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 8:EI Compendex(R) 1970-2004/Mar W2
(c) 2004 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2004/Mar W3
(c) 2004 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2004/Feb
(c) 2004 ProQuest Info&Learning

File 65:Inside Conferences 1993-2004/Mar W3
(c) 2004 BLDSC all rts. reserv.

File 94:JICST-EPlus 1985-2004/Mar W2
(c) 2004 Japan Science and Tech Corp (JST)

File 95:TEME-Technology & Management 1989-2004/Mar W1
(c) 2004 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Feb
(c) 2004 The HW Wilson Co.

File 144:Pascal 1973-2004/Mar W2
(c) 2004 INIST/CNRS

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988
(c) 2001 ProQuest Info&Learning

File 483:Newspaper Abs Daily 1986-2004/Mar 25
(c) 2004 ProQuest Info&Learning

Set	Items	Description
S1	459749	(OPTICAL? OR COMPACT OR DIGITAL() (VIDEO OR VERSATILE) OR LASER) (3N) (DISK? ? OR DISC? ? OR STORAGE? ? OR MEMOR? OR MEDIA) OR DVD OR CD OR CDROM
S2	4535	S1(5N) (PICK? OR GRAB? OR GRIP? OR TRANSPORT? OR HANDL? OR LIFT? OR RAIS? OR GRASP?)
S3	23346	(TAPER? OR SHARP? OR HONED OR POINTED OR POINTY OR (SLOPE? ? OR SLOPING OR SLANT? OR ANGLE? OR INCLIN? OR NARROW?) () (INWARDS OR IN)) (5N) (TIP OR EDGE? OR CORNER? OR BOTTOM)
S4	3	S2 AND S3
S5	3	RD S4 (unique items)
S6	2	S5 NOT PY>2001
S7	9823	AU=(KLEIN, J? OR KLEIN J?) OR CO=AMTREN
S8	2	S7 AND S2
S9	2	RD S8 (unique items)
S10	2	S9 NOT (PY>2001 OR S6)
S11	0	S10 NOT (TREES OR FOREST?)
S12	27128	(TAPER? OR SHARP? OR HONED OR POINTED OR POINTY OR (SLOPE? ? OR SLOPING OR SLANT? OR ANGLE? OR INCLIN? OR NARROW?) () (INWARDS OR IN)) (5N) (TIP OR EDGE? OR CORNER? OR BOTTOM OR END)
S13	4	S12 AND S2
S14	4	RD S13 (unique items)
S15	1	S14 NOT (PY>2001 OR S6)

6/3,K/1 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2004 INIST/CNRS. All rts. reserv.

11690636 PASCAL No.: 94-0552685

Spectra functions for two-dimensional random conductors

Electrical transport and optical properties of inhomogeneous media

THORPE M F; DJORDJEVIC B R; HETHERINGTON J

MOCHAN W Luis, ed; BARRERA Ruben G, ed

Michigan State univ., dep. physics astronomy, East Lansing MI 48824, USA

Univ. nacional autonoma Mexico, inst. fisica, lab. Cuernavaca, Cuernavaca
, Mexico

ETOPIM 3. International conference (Guanajuato MEX) 1993-08-09

Journal: Physica. A, 1994, 207 (1-3) 65-78

Language: English

Electrical transport and optical properties of inhomogeneous media
... expressed in terms of a spectral function which we have obtained numerically using a boundary element method. In this method the singularities associated with the **sharp corners** are explicitly taken care of. Spectral functions can also be used to obtain an exact solution for the conductivity when the effect of pairs of...

6/3,K/2 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

06271183 SUPPLIER NUMBER: 65751986

NIGHTWATCH; Some Things That Went Bump in the Nightwatch

Brace, Eric

Washington Post, p N05

Dec 29, 2000

ISSN: 0190-8286

NEWSPAPER CODE: TWP

DOCUMENT TYPE: LIST ; Newspaper article

LANGUAGE: English

RECORD TYPE: ABSTRACT

...ABSTRACT: Mango nights at Nation made him an international player; the world continued to know Montgomery County boy Brian Transeau as influential DJ BT, whose recent **CD raised** the stakes for what an "electronica" record could be; Thievery Corporation's CD topped charts around the world, while its home-base club, eighteenth street...

...Thievery's label, ESL Records, also released the excellent Thunderball CD. Such work made Washington an international hot spot for dance music. The somewhat less- **sharp** (though admittedly fun) **edge** of the dance world expanded into Rockville where Polly Esther's moved into the old Studebaker's space, giving all those bachelorette and office parties...

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15/3,K/1 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06227547
Sharp goes into audio mini disc production
MALAYSIA: SHARP EXPANDING PRODUCTION RANGE
New Straits Times (XAS) 13 Nov 1995 P.24
Language: ENGLISH

... operational in 1996. This is in line with the firm's plan to move into high technology products. Sharp's latest move is manufacturing of **compact disc pick** -ups and audio mini disc in Malaysia. In 1995, Sharp is expecting a turnover of RM 870 mn from its Sungai Petani plant in Malaysia. The Sungai Petani plant will continue to produce high **end** products although **Sharp** is looking at the possibility of expanding its operation into Indonesia and China. *...
?

File 344:Chinese Patents Abs Aug 1985-2004/Mar
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2003/Nov(Updated 040308)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200419
(c) 2004 Thomson Derwent

Set	Items	Description
S1	186737	(OPTICAL? OR COMPACT OR DIGITAL() (VIDEO OR VERSATILE) OR L-ASER) (3N) (DISK? ? OR DISC? ? OR STORAGE? ? OR MEMOR? OR MEDIA) OR DVD OR CD OR CDROM
S2	9047	S1(5N) (PICK? OR GRAB? OR GRIP? OR TRANSPORT? OR HANDL? OR -LIFT? OR RAIS? OR GRASP?)
S3	39327	(TAPER? OR SHARP? OR HONED OR POINTED OR POINTY OR (SLOPE? ? OR SLOPING OR SLANT? OR ANGLE? OR INCLIN? OR NARROW?) () (INWARDS OR IN)) (5N) (TIP OR EDGE? OR CORNER? OR BOTTOM)
S4	5	S2 AND S3
S5	5	IDPAT (sorted in duplicate/non-duplicate order)
S6	5	IDPAT (primary/non-duplicate records only)
S7	7	S1(5N)S3
S8	7	S7 NOT S6
S9	1	S8 AND (PICK? OR GRAB? OR GRIP? OR TRANSPORT? OR HANDL? OR LIFT? OR RAIS? OR GRASP?)
S10	19	S1(10N)S3
S11	6	S10 AND (PICK? OR GRAB? OR GRIP? OR TRANSPORT? OR HANDL? OR LIFT? OR RAIS? OR GRASP?)
S12	3	S11 NOT (S6 OR S9)

6/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015665507 **Image available**
WPI Acc No: 2003-727694/200369
XRPX Acc No: N03-582364

Shutter of optical pickup apparatus, has slope surface at reverse side of projecting edge with respect to moving positions of shutter

Patent Assignee: SUMIDA ELECTRIC (SUMI-N); SUMIDA TECHNOLOGIES KK (SUMI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003281772	A	20031003	JP 200280831	A	20020322	200369 B

Priority Applications (No Type Date): JP 200280831 A 20020322

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003281772	A		6	G11B-007/135	

Abstract (Basic):

... For optical pickup apparatus (claimed) used in optical disk drive e.g. compact disk (CD) and digital video disk (DVD) drives...

...Avoids generation of improper shutter closing due to provision of sharp edge at reverse side...

6/3,K/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015411419 **Image available**
WPI Acc No: 2003-473559/200345
XRPX Acc No: N03-376677

Objective lens assembly for optical pickup of optical disk drive, has anti-reflective coating on tapered edge portions of lenses, that are at side near optical disk

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003067965	A	20030307	JP 2001260395	A	20010829	200345 B

Priority Applications (No Type Date): JP 2001260395 A 20010829

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003067965	A		28	G11B-007/135	

Objective lens assembly for optical pickup of optical disk drive, has anti-reflective coating on tapered edge portions of lenses, that are at side near optical disk

Abstract (Basic):

... and fixed to a lens holder (3), with reference to a lens (1) attached to the lens holder. An anti-reflecting coating is formed on tapered edge portions (1a,2a) of the lenses, that are at side near optical disk.

... For optical pickup (claimed) used in optical disk drive (claimed...)

... tapered edge portions (1a,2a

6/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013035584 **Image available**
WPI Acc No: 2000-207435/200019
XRPX Acc No: N00-154480

Compact transport and storage hook for clothing has hook members at
top and bottom ends of vertical rod

Patent Assignee: DTL DEUT TEXTIL LOGISTIK GMBH (DTLD-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 29908635	U1	19991230	DE 99U2008635	U	19990511	200019 B

Priority Applications (No Type Date): DE 99U2008635 U 19990511

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 29908635	U1	7	B65D-085/18	

Compact transport and storage hook for clothing has hook members at
top and bottom ends of vertical rod

Abstract (Basic):

... The transport hanger has a vertical rod (2) with a top end (1)
which is flattened and **sharply** turned through 90 degrees. The **bottom**
end is broadened to make a rectangular area (3) with an angular
keyhole-shaped hole (4) in it.

6/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

010440310 **Image available**
WPI Acc No: 1995-341627/199544

Optical disk storage device - comprises lever part which moves and holds
optical disk at notch part when it hits pin

Patent Assignee: NIPPON DENKI ENG KK (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7235114	A	19950905	JP 9425091	A	19940223	199544 B

Priority Applications (No Type Date): JP 9425091 A 19940223

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7235114	A	6	G11B-017/26	

...Abstract (Basic): The **optical disk storage** device includes a
picker (13) which has a bracket that connects the drive mechanism and
executes forward and backward movement. The disk is inserted through a
slot provided in the storage device. The hand part (21) which is the
sub-component of the **picker** pulls out and holds the **optical disk** .
For this purpose, the hand part has a **pointed tip** which engages
notch part provided along the side edge of the optical disk cartridge

6/3,K/5 (Item 5 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

008345928 **Image available**
WPI Acc No: 1990-232929/199031
XRPX Acc No: N90-180645

Free-standing flexible bar of hot sealable plastics foil - has discharge
portion with foil parts coupled to top transverse edges , with discharge
tapering end

Patent Assignee: INDAG GES INDUSTRIEBEDARF MBH (INDA-N); INDAG GES
INDBEDARF (INDA-N); INDAG IND GMBH (INDA-N); INDAG GES IND BEDARF MBH
(INDA-N)

Inventor: WILD R

Number of Countries: 019 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 380107	A	19900801	EP 90101518	A	19900125	199031 B
WO 9008703	A	19900809				199034
FI 9103602	A	19910726				199141
EP 455732	A	19911113	EP 90903339	A	19900125	199146
NO 9102913	A	19910725				199148
JP 4503045	W	19920604	JP 90503468	A	19900125	199229
			WO 90EP139	A	19900125	
EP 380107	B1	19930407	EP 90101518	A	19900125	199314
DE 59001144	G	19930513	DE 501144	A	19900125	199320
			EP 90101518	A	19900125	
ES 2040514	T3	19931016	EP 90101518	A	19900125	199346

Priority Applications (No Type Date): DE 89U886 U 19890126; DE 89U884 U
19890126; DE 89U885 U 19890126

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 380107	A				Designated States (Regional): GB
WO 9008703	A				Designated States (National): CA FI JP NO US
					Designated States (Regional): AT BE CH DE ES FR GB IT LU NL SE
EP 455732	A				Designated States (Regional): AT BE CH DE ES FR GB IT LI LU NL SE
JP 4503045	W			B65D-033/38	Based on patent WO 9008703
EP 380107	B1	G	12	B65D-033/36	
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE
DE 59001144	G			B65D-033/36	Based on patent EP 380107
ES 2040514	T3			B65D-033/36	Based on patent EP 380107

... has discharge portion with foil parts coupled to top transverse edges
, with discharge tapering end

...Abstract (Basic): ADVANTAGE - Compact storage , easy handling , and
uniform discharge. (20pp Dwg.No.2/17)

?

9/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013183525 **Image available**
WPI Acc No: 2000-355398/200031
XRPX Acc No: N00-266502

Turntable for supporting optical disc within disc drive has springs
provided with nails whose tapering surface slidably contacts
internal-circumferential edge of optical disc so as to align disc
Patent Assignee: MITSUBISHI CHEM CORP (MITU); YUKA DENSHI KK (YUKA-N)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000113544	A	20000421	JP 98288050	A	19981009	200031 B
JP 3332869	B2	20021007	JP 98288050	A	19981009	200273

Priority Applications (No Type Date): JP 98288050 A 19981009

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000113544	A		9	G11B-017/028	
JP 3332869	B2		10	G11B-017/028	Previous Publ. patent JP 2000113544

Turntable for supporting optical disc within disc drive has springs
provided with nails whose tapering surface slidably contacts
internal-circumferential edge of optical disc so as to align disc

Abstract (Basic):

... Raises alignment accuracy when positioning disc within drive
?

12/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

04152298 **Image available**
DRIVING CIRCUIT FOR OPTICAL DISK DEVICE

PUB. NO.: 05-143998 [JP 5143998 A]
PUBLISHED: June 11, 1993 (19930611)
INVENTOR(s): FUJITA KENICHI
APPLICANT(s): FUJITSU GENERAL LTD [000661] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 03-335677 [JP 91335677]
FILED: November 25, 1991 (19911125)
JOURNAL: Section: P, Section No. 1620, Vol. 17, No. 536, Pg. 17,
September 27, 1993 (19930927)

ABSTRACT

PURPOSE: To **sharpen** the **edge** of the recording pit of the **optical disk**, to suppress the S/N deterioration of the reproduced signal of the recording pit, and to reduce the error rate...

... a high-pass filter circuit 4 is included in an amplification circuit 2 constituting the driving circuit. The peaking of the high-pass filter circuit **raises** and extends the high-pass area of the frequency characteristic in the amplifier circuit 2. Thus, the power of the semiconductor laser 1 in the...

12/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015206938 **Image available**
WPI Acc No: 2003-267474/200326
XRPX Acc No: N03-212658

Cutting device for unwrapping compact disk, digital versatile disk case, has cutting guide attached to gripping arm to guide sharpened tip of cutting blade along narrow side of case

Patent Assignee: S TWENTY ONE INT INC (STWE-N)

Inventor: HATANAKA K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030019337	A1	20030130	US 2001915164	A	20010725	200326 B

Priority Applications (No Type Date): US 2001915164 A 20010725

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030019337	A1		11	B26D-001/00	

Cutting device for unwrapping compact disk, digital versatile disk case, has cutting guide attached to gripping arm to guide sharpened tip of cutting blade along narrow side of case

Abstract (Basic):

... A cutting blade (120) is attached to a longitudinally extending **gripping** arm which is adapted to be **gripped** in palm of a user's hand. A cutting guide (130) that is attached to the **gripping** arm,

guides the sharpened tip (190) of the cutting blade along the narrow side of a packaged case (10).
...Title Terms: **GRIP** ;

12/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

010343253 **Image available**
WPI Acc No: 1995-245339/199532
XRPX Acc No: N95-190498

Registration appts. for silk screen printing machine - registers compact discs by single registration pin located below transport member at loading point for disc

Patent Assignee: BERRY E J (BERR-I); KARLYN W M (KARL-I); LAMARRE W M (LAMA-I)

Inventor: BERRY E J; KARLYN W M; LAMARRE W M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5429045	A	19950704	US 92974618	A	19921112	199532 B
			US 94179387	A	19940110	

Priority Applications (No Type Date): US 94179387 A 19940110; US 92974618 A 19921112

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 5429045	A	16	B41F-015/26	CIP of application US 92974618
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... **registers compact discs by single registration pin located below transport member at loading point for disc**

...Abstract (Basic): The top end is defined by a planar, circular, horizontally disposed surface (104) and a curved peripheral surface (106). The top end thus has no **sharp** points or **edges** that could mar the bottom surface of the **compact disc** or the peripheral edge of its centre hole (110...

...The registration pin is **raised** upwardly and intrudes into the centre hole of the disc as the disc is place into the disc fixture. The pin is retracted upon application...

...Title Terms: **TRANSPORT** ;

?

File 348:EUROPEAN PATENTS 1978-2004/Mar W02

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040318,UT=20040311

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	140588	(OPTICAL? OR COMPACT OR DIGITAL() (VIDEO OR VERSATILE) OR L-ASER) (3N) (DISK? ? OR DISC? ? OR STORAGE? ? OR MEMOR? OR MEDIA) OR DVD OR CD OR CDROM
S2	4938	S1(5N) (PICK? OR GRAB? OR GRIP? OR TRANSPORT? OR HANDL? OR -LIFT? OR RAIS? OR GRASP?)
S3	67115	(TAPER? OR SHARP? OR HONED OR POINTED OR POINTY OR (SLOPE? ? OR SLOPING OR SLANT? OR ANGLE? OR INCLIN? OR NARROW?) () (INWARDS OR IN)) (5N) (TIP OR EDGE? OR CORNER? OR BOTTOM OR END)
S4	8	S2(S)S3
S5	8	IDPAT (sorted in duplicate/non-duplicate order)
S6	8	IDPAT (primary/non-duplicate records only)

6/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01701257

Ink jet printing apparatus and ink jet printing method
Tintenstrahldruckvorrichtung und Tintenstrahldruckverfahren
Appareil et procede d'impression a jet d'encre

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542366), 3-30-2 Shimomaruko, Ohta-ku, Tokyo,
(JP), (Applicant designated States: all)

INVENTOR:

Takahashi, Seiji, Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku,
Tokyo, (JP)

Kawazoe, Kenji, Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku,
Tokyo, (JP)

Yanagi, Haruyuki, Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku,
Tokyo, (JP)

Saito, Hiroyuki, Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku,
Tokyo, (JP)

LEGAL REPRESENTATIVE:

Leson, Thomas Johannes Alois, Dipl.-Ing. (78982), Tiedtke-Buhling-Kinne &
Partner GbR, TBK-Patent, Bavariaring 4, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1393918 A1 040303 (Basic)

APPLICATION (CC, No, Date): EP 2003019783 030829;

PRIORITY (CC, No, Date): JP 2002255902 020830

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: B41J-003/407

ABSTRACT WORD COUNT: 120

NOTE:

Figure number on first page: 12A 12B

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200410	302
SPEC A	(English)	200410	13477
Total word count - document A			13779
Total word count - document B			0
Total word count - documents A + B			13779

6/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00837360

Apparatus for removing plate-shaped objects from a stack
Gerat zur Beseitigung von Platten-formigen Objekten von einem Stapel
Appareil pour enlever un objet en forme de disque d'un tas empile

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
14650, (US), (applicant designated states: FR;GB;NL)

KODAK AKTIENGESELLSCHAFT, (203521), , D-70323 Stuttgart, (DE),
(applicant designated states: DE)

INVENTOR:

Freund, Michael, c/o Kodak Aktiengesellschaft Patentabteilung, 70323
Stuttgart, (DE)

LEGAL REPRESENTATIVE:

Patentanwalte Westphal, Mussnug & Partner (100417), Waldstrasse 33,
78048 Villingen-Schwenningen, (DE)
PATENT (CC, No, Kind, Date): EP 775631 A2 970528 (Basic)
EP 775631 A3 970604
APPLICATION (CC, No, Date): EP 96117999 961109;
PRIORITY (CC, No, Date): DE 29518578 951123
DESIGNATED STATES: DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: B65B-005/04
TRANSLATED ABSTRACT WORD COUNT: 119
ABSTRACT WORD COUNT: 121

LANGUAGE (Publication,Procedural,Application): English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	638
SPEC A	(English)	EPAB97	1855
Total word count - document A			2493
Total word count - document B			0
Total word count - documents A + B			2493

...SPECIFICATION a cone which ends at the top in a cylindrical terminating piece 24 with threads that are used for mounting a protective shroud (not depicted).

Taper 23 of the top end of the shaft or cone is configured so that the CDs of the stack lifted into this region can be displaced by displacement means 3 in a horizontal direction against shaft 22 in such a way that the topmost CD of the stack can be gripped by means of gripper mechanism 4. In this context the topmost CD, because of the selected slope of the cone, can be offset with its outer rim in a horizontal direction by a predetermined distance with respect to the stack so that this CD can be grasped at its outer rim that faces away from displacement means 3.

Means 3 for displacing at

6/3,K/3 (Item 3 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00795836

Apparatus and method for suppression of electromagnetic interference
Gerat und Verfahren zur Unterdruckung elektromagnetischer Interferenz
Appareil et methode pour la suppression d'interference electromagnetique
PATENT ASSIGNEE:

DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA
92714, (US), (applicant designated states:
AT;BE;CH;DE;ES;FR;GB;IE;IT;LI;NL;PT;SE)

INVENTOR:

Davis, Marvin Benjamin, 2813 Palmer Park Blvd., Colorado Springs, CO
80909, (US)

Schell, David Louis, 5307 Borrego Drive, Colorado Springs, CO 80918, (US)

LEGAL REPRESENTATIVE:

R.A. KUHNEN & P.A. WACKER (101501), Patentanwaltsgesellschaft mbH
Alois-Steinecker-Strasse 22, 85354 Freising, (DE)
PATENT (CC, No, Kind, Date): EP 741508 A2 961106 (Basic)
EP 741508 A3 981028
APPLICATION (CC, No, Date): EP 96301967 960321;
PRIORITY (CC, No, Date): US 420381 950411
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IE; IT; LI; NL; PT; SE
INTERNATIONAL PATENT CLASS: H05K-009/00; G11B-033/14; G11B-007/12;

H01S-003/025; G11B-011/10; G11B-007/09; G11B-007/085; G11B-007/135;
G11B-017/04; G11B-019/00; G11B-020/10; G11B-025/04; G11B-033/02
ABSTRACT WORD COUNT: 169

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	733
SPEC A	(English)	EPAB96	90500
Total word count - document A			91233
Total word count - document B			0
Total word count - documents A + B			91233

...SPECIFICATION axis of the lens 2-12. In this manner, the objective lens 2-12 will not be canted with respect to the surface of the **optical disc** 2-76 as the lens holder 2-14 is moved in the focusing direction. Each flexure further includes narrow portions which operate as a hinge
...

6/3,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00268331

Golf game and course simulating apparatus and method.
Golfspiel- und Golfplatzsimulator und entsprechendes Simulationsverfahren.
Simulateur de jeu de golf et de parcours de golf et methode de simulation.
PATENT ASSIGNEE:

JOYTEC LTD, (878440), 1514 Fletcher Road Saskatoon, Saskatchewan S7M 5M1,
(CA), (applicant designated states:
AT;BE;CH;DE;ES;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

Allen, Barry, No. 208, 255 Russell Road, Saskatoon Saskatchewan S7K 7GB,
(CA)

Johnson, Neil, 233 Forrester Road, Saskatoon Saskatchewan S7M 4K2, (CA)
Labbe, Mark, No. 3352, 373 Pendygrasse Road, Saskatoon Saskatchewan S7M
4S2, (CA)

Lee, Clint, R.R. No. 6, Saskatoon Saskatchewan S7K 3J9, (CA)

Wacker, Martin, R.R. No. 5, Saskatoon Saskatchewan S7J 3J8, (CA)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick
Court High Holborn, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 278150 A2 880817 (Basic)
EP 278150 A3 890222
EP 278150 B1 920930

APPLICATION (CC, No, Date): EP 87305767 870629;

PRIORITY (CC, No, Date): CA 529161 870206

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: A63B-069/00; A63B-069/36;

ABSTRACT WORD COUNT: 151

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	517
CLAIMS B	(German)	EPBBF1	537
CLAIMS B	(French)	EPBBF1	711
SPEC B	(English)	EPBBF1	5701
Total word count - document A			0
Total word count - document B			7466

Total word count - documents A + B 7466

...SPECIFICATION of phototransistors 39 and 40, which are 4 1/2 inches apart and which have their lenses pointing upward. The two rows of phototransistors 39 and 40 respond to light or shadow through two transparent protective strips 41 and 42 in the top surface 22. The two rows 39 and 40 are mounted on two printed circuit...

...and enables a solenoid decoder 67 which activates either the brake solenoid 37 or a second solenoid(not shown) to raise the shaft 28, thereby raising the simulated ball 26 to a slightly higher position (3/4 inch) above the top surface 22, thus simulating a tee-off position to the player. A 2K byte...

6/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01005921 **Image available**
THREE-DIMENSIONAL STRUCTURES OF TALL-1 AND ITS COGNATE RECEPTORS AND
MODIFIED PROTEINS AND METHODS RELATED THERETO
STRUCTURES TRIDIMENSIONNELLES DE TALL-1 ET DE SES RECEPTEURS PARENTS,
PROTEINES MODIFIEES ET PROCEDES ASSOCIES

Patent Applicant/Assignee:

NATIONAL JEWISH MEDICAL AND RESEARCH CENTER, 1400 Jackson St., Denver, CO
80206, US, US (Residence), US (Nationality)

Inventor(s):

ZHANG Gongyi, 3635 South Hibiscus Way, Denver, CO 80206, US,
SHU Hong-Bing, 4801 9th Ave., #209, Denver, CO 80220, US,
LIU Yingfang, 1150 Vine St., Apt. 408, Denver, Colorado 80206, US,
XU Liangguo, 831 Cherry St., Apt 25, Denver, CO 80220, US,

Legal Representative:

CONNELL Gary J (et al) (agent), Sheridan Ross P.C., Suite 1200, 1560
Broadway, Denver, CO 80202-5141, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200335846 A2 20030501 (WO 0335846)

Application: WO 2002US34376 20021024 (PCT/WO US0234376)

Priority Application: US 2001345106 20011024; US 2002348962 20020114; US
2002354966 20020207; US 2002403364 20020813

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU

SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 471635

Fulltext Availability:

Detailed Description

Detailed Description

... comprising mixing a therapeutic agent with soluble TALL- I protein monomers or portions thereof or trimers at a pH below about 7.4 and then raising the pH of the mixture to a pH of about 7.4 or higher to form oligomers of sTALL-1 or portions thereof containing the...and concentrated and finally applied back to the same gel-filtration column.

For the cluster peak fraction, the same elution profile was obtained, a single **sharp** and symmetric peak at the cluster position, there was no detectable STALL-1 at the trimer position. On the other hand, the trimer peak fraction...

6/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00577129 **Image available**

CORK EXTRACTOR

EXTRACTEUR DE BOUCHON

Patent Applicant/Assignee:

METROKANE INC,

Inventor(s):

LARIMER Robert W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200040502 A1 20000713 (WO 0040502)

Application: WO 2000US130 20000105 (PCT/WO US0000130)

Priority Application: US 99227460 19990108

Designated States: DE GB AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 6426

English Abstract

A self-pulling cork extractor having a guide (14) and a corkscrew (12) which may be stored entirely within the guide for **compact** and safe storage and transport. The corkscrew includes a worm (18) having a **sharp** free end (46) attached to a handle (16) having downwardly and inwardly foldable end portions (32). The end portions are upwardly and outwardly extended and the corkscrew...

...downwardly and inwardly folded and the corkscrew inserted upwardly through the lower portion of the guide and retained completely therein. In the storage position, the **sharp** free end of the worm is positioned within the aperture at the top of the guide, thereby preventing the exposure of any **sharp** edges or points. A foil cutter (60) is also integrally formed in the guide.

6/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00495514 **Image available**

ALTERNATIVE CD-ROM/DVD PACKAGING DEVICE

BOITIER A CD-ROM/DVD

Patent Applicant/Assignee:

KOCH Hans G,

Inventor(s):

KOCH Hans G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9926866 A1 19990603

Application: WO 98US25271 19981125 (PCT/WO US9825271)

Priority Application: US 97978446 19971125

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG

US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 2881

Fulltext Availability:
Detailed Description

Detailed Description

... lid, a button fastener mounted on the inside of the lid is inserted into the rosette by the closing force. The button fastener has a **tapered edge** on one **end** for ease of insertion and a small shoulder on the other end for positive fastening into the rosette. The insertion of the button fastener into the rosette causes the rosette to expand slightly to contact the inner diameter of the CD, thereby applying a slight force to the inner edge, **grasping** and centering the **CD**. applying a slight force to the inner edge, **grasping** and centering the **CD**. Concurrently, the closing force allows a retaining ring mounted concentrically to the button fastener to contact the CD, and hold the CD firmly in place...

...disconnected from the rosette and the retaining ring is **d** 5 open, the button fastener is disconnected from the rosette and the retaining ring is **lifted** off the **CD**, leaving the **CD** resting freely in the base and ready for removal with or without finger indents molded into the base

or

6/3,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00164699

STEREOLITHOGRAPHIC BEAM PROFILING
PROFILAGE DE FAISCEAU STEREOLITHOGRAPHIQUE

Patent Applicant/Assignee:

3D SYSTEMS INC,

Inventor(s):

SPENCE Stuart Thomas,

TARNOFF Harry,

ALMQUIST Thomas,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8911085 A1 19891116

Application: WO 89US1559 19890417 (PCT/WO US8901559)

Priority Application: US 88830 19880418; US 88816 19881108; US 88837 19881108; US 88907 19881108; US 88801 19881108

Designated States: JP KR

Publication Language: English

Fulltext Word Count: 292227

Fulltext Availability:
Detailed Description

Detailed Description

... the presence of the reaction means* Memory means are provided to store information which includes the positioning information which causes the reaction means to be **pointed** accurately at the sensor, In a preferred

embodiment, a memory look-up table or map is prepared containing specific positioning information for each of...work surfaces. An interlock on the access door activates a shutter to block the laser beam when opened.

The resin vat is designed to minimize **handling** of the resin. It is typically installed in the chamber on guides which align it with the elevator and platform.

The object is formed on...centroid of the scan data.

A new "best locaticAll is obtained for each pinhole in the case of the plate, e-ach pinhole@column location in the case of the linear array, and each predetermined location in the case of a sensor positioned at certain predetermined locations . It is not always...electronic cabinet assembly includes the process computer (disc drive), keyboard, monitor, power supplies, ac power distribution panel,, and control panel, The computer assembly includes plug- in circuit boards for control of the terminal, high-speed scanner mirrors, and vertical (Z stage) elevator. Power supplies for the laser, dynamic mirrors, and elevator...

...around the keyboard and disc drive are covered with formica for easy cleaning and long wear.

1 2.2 Optics Assembly. The helium cadmium (HeCd) **laser** and **optical** components are mounted on top of the electronic cabinet and chamber assembly, The laser and optics plate may be accessed for service by removing 5...and press ENTER.

VI Select option 9 (minimum Surface Angle for scanned facets),

WI In response to Enter a minimum surface Angle prompt, type desired **angle** in degrees from vertical (example - 60) and press ENTER,

XI Select option 10 (Minimum Hatch Intersect Angle).

yo In response to Enter a Minimum Intersect Angle value: prompt, type intersect **angle** in degrees (example - 20) and press ENTER,

Z. Select option 11 (Segment Output File Name).

aa, In response to Enter Segment File Name:

?

File 484:Periodical Abs Plustext 1986-2004/Mar W3
(c) 2004 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Feb
(c) 2004 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2004/Mar 26
(c) 2004 The Gale Group
File 608:KR/T Bus.News. 1992-2004/Mar 26
(c)2004 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2004/Mar 25
(c) 2004 Economist Intelligence Unit
File 613:PR Newswire 1999-2004/Mar 26
(c) 2004 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 26
(c) 2004 The Gale Group
File 623:Business Week 1985-2004/Mar 25
(c) 2004 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2004/Mar 25
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Mar 25
(c) 2004 San Jose Mercury News
File 635:Business Dateline(R) 1985-2004/Mar 25
(c) 2004 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 26
(c) 2004 The Gale Group
File 647:CMP Computer Fulltext 1988-2004/Mar W2
(c) 2004 CMP Media, LLC
File 674:Computer News Fulltext 1989-2004/Mar W2
(c) 2004 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	548573	(OPTICAL? OR COMPACT OR DIGITAL() (VIDEO OR VERSATILE) OR LASER) (3N) (DISK? ? OR DISC? ? OR STORAGE? ? OR MEMOR? OR MEDIA) OR DVD OR CD OR CDROM
S2	7340	S1(5N) (PICK? OR GRAB? OR GRIP? OR TRANSPORT? OR HANDL? OR LIFT? OR RAIS? OR GRASP?)
S3	19816	(TIP OR EDGE OR EDGES OR CORNER OR CORNERS OR BOTTOM OR END) (5N) (TAPER? OR SHARP? OR HONED OR POINTED OR POINTY OR (SLOPE? ? OR NARROW?) () (INWARDS OR IN))
S4	0	S2(S) S3
S5	1196	AU=(KLEIN, J? OR KLEIN J?) OR CO=AMTREN
S6	0	S2 AND S5